

# INTERNATIONAL SEARCH REPORT

International App No  
PCT/IB 03/04408

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L7/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 909 563 A (JACOBS EINO) 1 June 1999 (1999-06-01) abstract column 1, line 21 - line 42 column 1, line 66 -column 5, line 50 ---	1-10
A	US 6 128 319 A (NGAI HENRY P) 3 October 2000 (2000-10-03) abstract column 2, line 19 -column 4, line 16 ---	1-10
A	US 5 619 506 A (BURCH RICHARD A ET AL) 8 April 1997 (1997-04-08) cited in the application abstract column 2, line 55 -column 4, line 2 -----	1-10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*8\* document member of the same patent family

Date of the actual completion of the international search

16 December 2003

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29/12/2003

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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			WO	9813768 A2	02-04-1998
			JP	2000503437 T	21-03-2000
			EP	0864201 A1	16-09-1998
			EP	0870229 A2	14-10-1998
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			JP	2002516002 T	28-05-2002
			US	5870614 A	09-02-1999
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US 5619506	A	08-04-1997	NONE		
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